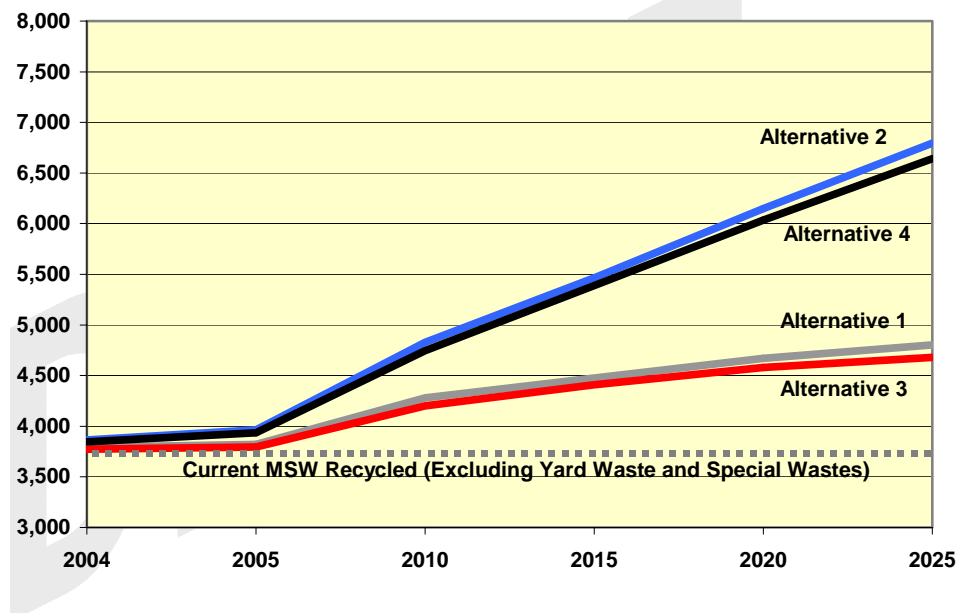


Table 6-5. MSW Recycling Projections (Excluding Yard Waste and Special Wastes) in the City of Falls Church, 2004–2025 (tons)

Year	MSW Recycled (Excluding Yard Waste and Special Wastes)			
	Alternative 1	Alternative 2	Alternative 3	Alternative 4
2004	3,792	3,863	3,773	3,844
2005	3,821	3,965	3,794	3,937
2010	4,279	4,828	4,202	4,745
2015	4,475	5,466	4,409	5,391
2020	4,672	6,148	4,578	6,037
2025	4,802	6,795	4,679	6,641

Figure 6-1. MSW Recycling Projections (Excluding Yard Waste and Special Wastes) in the City of Falls Church 2004–2025 (tons)



The City's SWM system must handle an additional 910 to 2,930 tons per year of MSW recyclables (excluding yard waste and special wastes) by 2025.

The City projects that the current MSW recycling system (excluding yard waste and special wastes) must handle an additional 910 to 2,930 tons per year by 2025. Therefore, the existing MSW collection system (municipal and private) may have to expand, by adding collection vehicles and labor, to meet the increased recycling quantities.

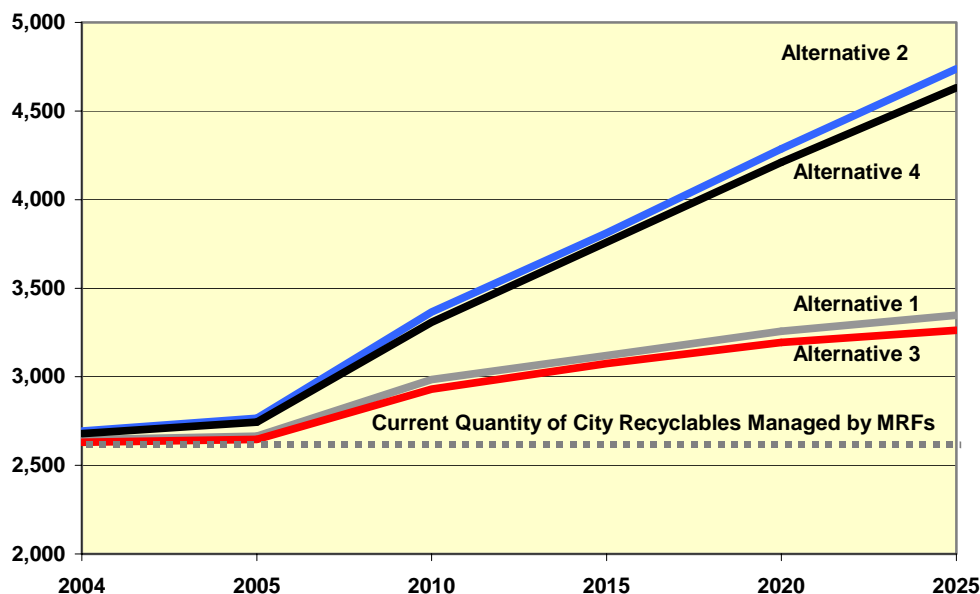
The projected increase in recycling quantities over the SWMP planning period will likely not impact the MRFs the City currently uses. Table 6-6 and Figure 6-2 show the projected quantities of City MSW recyclables (i.e., paper and commingled recyclables) managed by its current MRFs over the SWMP planning period. **(Note that these projections assume the continuation of the City's current management practices and conditions.)**

Table 6-6. Projections of MSW Recyclables Managed by MRFs in the City of Falls Church 2004–2025 (tons)

Year	MSW Recycled							
	Alternative 1		Alternative 2		Alternative 3		Alternative 4	
	Paper	Commingled ^a	Paper	Commingled ^a	Paper	Commingled ^a	Paper	Commingled ^a
2004	2,262	382	2,304	390	2,250	380	2,292	388
2005	2,279	385	2,365	400	2,263	383	2,348	397
2010	2,552	432	2,879	487	2,506	424	2,830	478
2015	2,669	451	3,260	551	2,630	445	3,215	544
2020	2,786	471	3,666	620	2,731	462	3,601	609
2025	2,864	484	4,053	685	2,790	472	3,961	670

^a Commingled recyclables include glass, plastic and commingled bottles and cans.

Figure 6-2. Projections of City of Falls Church MSW Recyclables Managed by MRFs 2004–2025 (tons)



Sufficient MRF capacity exists in MRFs used by the City of Falls Church over the SWMP planning period, assuming the continuation of the City's current management practices and conditions.

The current capacity of paper and commingled recycling processing at MRFs currently used by the City is approximately 276,000 tons per year; the capacity for paper recyclables is 232,000 tons per year and for commingled recyclables is 44,000 tons per year. Therefore, sufficient MRF capacity exists over the SWMP planning period for all four MSW alternatives, *assuming the continuation of the City's current management practices and conditions*. An increase in recycling in the region may require expansion of MRF capacity during the next 20 years.

SWMP Actions

Table 6-7 shows the City's SWMP actions for MSW recycling. The City selected SWMP actions based on their alignment with the SWMP goals (in Chapter 4) and their ability to close the gaps between the City's

current SWM system and that required in the future. These SWMP actions are discussed in more detail in Chapter 11.

Table 6-7. City of Falls Church MSW Recycling SWMP Actions

MSW Recycling SWMP Actions
<ul style="list-style-type: none"> – Promote public/private recycling programs – Improve public outreach and education to promote recycling – Implement a Pay-As-You-Throw collection system – Increase business recycling by reducing recycling thresholds – Encourage increased MSW recycling at City government facilities and schools – Revise regulations to enhance recycling: <ul style="list-style-type: none"> • Expand recyclables collected at multifamily residences • Expand recycling requirements for electronic wastes – Consider implementation of single-stream curbside collection system for recyclables – Provide tools to promote increased recycling – Establish a recycling rate goal – Promote establishment of a regional food waste composting facility

Public Outreach and Education

The City of Falls Church promotes source reduction, reuse, and recycling through its public outreach and education efforts, which include a network of recycling block captains, articles in local publications, informative literature, banners and media, press releases and public service announcements (PSAs), recycling presentations and booths, the City website, and the Falls Church Environment Website.

Recycling Block Captains promote recycling in the City and serve as liaisons between the citizenry and the City government on recycling issues.

- *Recycling Block Captains.* A volunteer network of 120 Recycling Block Captains distribute recycling information in their neighborhoods four to six times a year. In addition, they serve as liaisons between the citizenry and the City government on source reduction, reuse, and recycling issues. Approximately 95 percent of the City's households, including multifamily residences, are served by Recycling Block Captains.
- *Articles in Local Publications.* Articles on solid waste issues appear regularly in the *FOCUS Weekly*, a one-page insert that appears weekly in the *Falls Church News-Press*. Articles also appear regularly in the *Chronicle* (the City's

monthly employee newsletter) and in the *Senior Times* (distributed by the City's Office of Community Education).

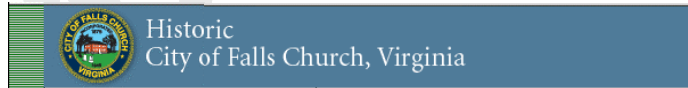
- *Informative Literature.* The City of Falls Church has authored and printed literature promoting source reduction, reuse, and recycling, including:
 - *The Falls Church "Recycling Guide"* includes information about the spring and fall special collections for clothing and textiles, electronics, and bicycles, information about reuse and recycling drop-off opportunities, and promotion of grasscycling, leafcycling, and backyard composting.
 - *The Falls Church Environment Newsletter*, published each fall and spring, notifies citizens of timely information and events, many of which involve source reduction, reuse, and recycling opportunities. For example, the "Neighbor to Neighbor" column features source reduction and reuse tips shared among City residents, and the City promotes backyard composting classes and composting bin sales through the newsletter
 - Flyers and brochures on the "Recycling Extravaganza," curbside recycling, yard waste collection, backyard composting, and yard waste reduction are displayed at the City Hall, Community Center, and Library, and distributed through classes and direct mail. In addition, a "3 Rs Directory" - listing businesses in the City where citizens can take items for reuse or repair - will be updated and re-distributed in 2004.

These publications are distributed by the Office of Recycling through a combination of Recycling Block Captains, direct mail, and brochure displays at the City Hall and Mary Riley Styles Public Library. The Recycling Block Captains also distribute time-sensitive flyers and brochures, such as meeting notices and holiday collection schedules.

- *Banners and Media.* Banners are hung over the City's two main thoroughfares (Routes 7 and 29) to announce special source reduction, reuse, and recycling events and promotions. In addition, announcements are broadcast on the local cable station and on the City's website.



- *Press Releases and Public Service Announcements (PSAs).* Press releases and PSAs are distributed through the City's Office of Communications to area newspapers and radio stations to announce special source reduction, reuse, and recycling events and programs.
- *Recycling Booths and Presentations.* The City and ESC sponsor a recycling booth at the annual Memorial Day Festivities and Fall Festival. The purpose of the booth is to promote recycling through display of recyclable materials and recycled products, as well as distribution of recycling information. The booth engages the public through a "Recycle Right Raffle" that features a recycling detective game and recycled-content prizes. In addition, the City's Recycling Coordinator makes presentations to all elementary classrooms at Mt. Daniel, Thomas Jefferson, and St. James schools at the beginning of each school year. Presentations are also made to civic organizations upon request.
- *The City of Falls Church Website* is currently in development. The "Recycling" section will be updated in 2004 and will include a list of source reduction, reuse, and recycling events and programs in the City.



- *The Falls Church Environment Website*, produced and managed by a local citizen volunteer, is a non-governmental website that focuses on environmental issues in the City of Falls Church. The purpose of the website is to provide area residents with accurate, timely information about critical issues and programs that affect the urban environment. The site also provides information on how to contact elected officials and City staff tasked with providing environmental services to residents. The website promotes City events and programs (Recycling Extravaganzas, backyard composting classes, Operation EarthWatch, etc.) that emphasize source reduction, reuse, and recycling. It also includes contact information, links to other websites, and details regarding these events and programs.

Collection

Collection and transfer of solid waste serve to facilitate solid waste management strategies. Although not actually in the hierarchy, collection and transfer activities are necessary to ensure that the City of Falls Church can implement the objectives of the solid waste management system.

The City of Falls Church provides collection service to all residents of single-family homes, most townhouse developments, and two condominiums.

Residential Collection by the City

The City provides MSW trash collection service weekly to all residents of single-family homes, most townhouse developments, and two condominiums. Solid waste is sent to Fairfax County's I-66 Transfer Station, where it is ultimately destined for disposal in Fairfax County's Energy/Resource Recovery Facility (E/RRF) in Lorton, Virginia or in landfills outside of Fairfax County. MSW collection services are supported through the City's General Fund (real estate taxes).



The City provides curbside refuse collection to approximately 3,000 households, including all residents of single-family homes, most townhouse developments, and two condominiums. Residents who receive City collection of refuse also receive collection of recyclables. (A more detailed discussion of City recycling collection is presented in the Recycling section of this chapter.)

Residential Curbside Collection by Private Companies

Residents of high rise condominiums, apartments, and some townhouse developments receive private refuse and recycling collection services.



Residents of high rise condominiums, apartments, and some townhouse developments receive private refuse and recycling collection services. City Code requires that owners of multi-family complexes provide opportunities to residents for recycling of newspapers, cans, and glass at least every other week. Some of these residences also include collection of plastic bottles and jugs.

Citizens' Disposal Facilities

City of Falls Church residents can take their own trash directly to the Fairfax County disposal centers at the I-66 Transfer Station and I-95 Landfill Complex. These facilities charge fees for disposal of trash and bulk loads on the basis of the number of bags (for smaller loads) or by weight (for larger loads).



The I-66 Transfer Station and I-95 Landfill Complex citizens' facilities also accept white goods—small and large appliances and other scrap metal (lawn chairs, grills, metal framing, etc.). A small fee is charged for appliances that require Freon removal and for waste tires. Special wastes, including used oil, antifreeze, batteries, and other household hazardous wastes are accepted free of charge. (Recycling of special wastes is detailed in Chapter 9.)

Residents can take their recyclables directly to the Falls Church Recycling Center.

Falls Church Recycling Center

The Falls Church Recycling Center, an unstaffed drop-off center, is located on City property at 217 Gordon Road, across from the Property Yard. The recycling center provides citizens with a convenient addition to curbside collection.



Materials collected include newspapers, mixed paper, cardboard, phone books, aluminum and steel food and beverage cans, glass bottles and jars, and plastic bottles and jugs. The current collection contractor is Capitol Fiber, Inc., which subcontracts with a local hauler to have the materials transported to the Capitol Fiber MRF in Springfield, Virginia. The center is open to both City residents and businesses.

Commercial Collection



Commercial solid waste collection in the City of Falls Church is managed by building owners/operators who contract with privately-owned refuse and recyclables collection firms that operate in the City. Building owners/operators are responsible for providing refuse and recyclables collection containers at their buildings; most commercial buildings use a series of dumpsters that are emptied using front-end trucks.

Businesses in the City of Falls Church that employ over 200 people or produce more than 100 tons of solid waste annually must recycle their "principal recyclable material." For most businesses, the principal recyclable material is office paper. Smaller businesses in the City can take office paper, cardboard, aluminum cans, newspaper, or any other acceptable recyclable material to the Falls Church Recycling Center or arrange for commercial collection.

Although most City businesses fall outside these thresholds, they are encouraged to make use of the Falls Church Recycling Center or contract with private recycling companies. The City's Recycling Coordinator provides technical assistance to businesses upon request. Businesses are required to fill out an annual recycling report.